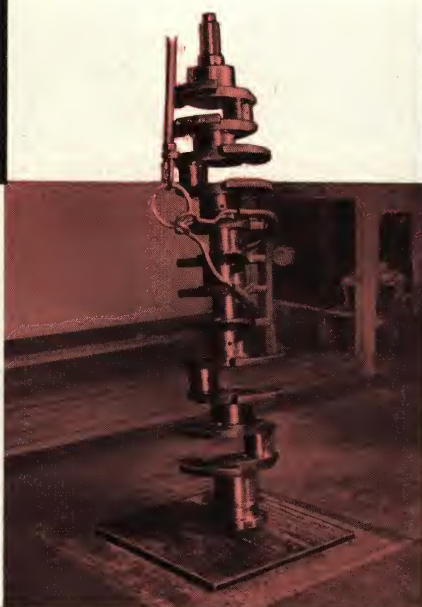


**DURABLE**

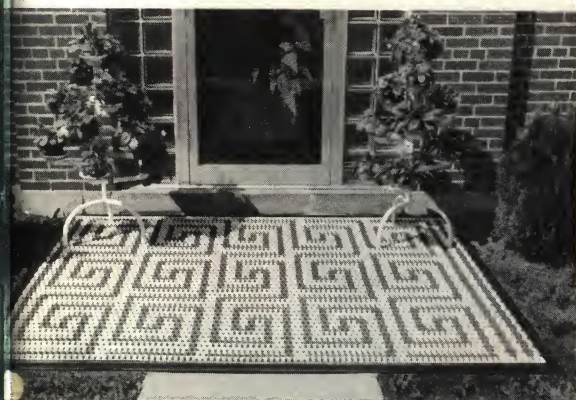
**LOADING DOCK BUMPERS**



**FLOOR PADS**



**FLOOR MATS**



**DURABLE MAT COMPANY**

NORWALK, OHIO  
SANTA CLARA, CALIF.



# DURABLE MAT COMPANY.....

## loading dock bumpers

Durable Loading-Dock Bumpers should be a functional part of all institution and industrial building planning.

- Modern in design and application.
- Applicable to any type construction.
- Made of resilient rubber and cord for protection of docks and trucks.
- Eliminate dock repair.
- Absorb shock of impact.
- Have long life under normal hard usage.
- **Guaranteed five years against failure of workmanship or material.**

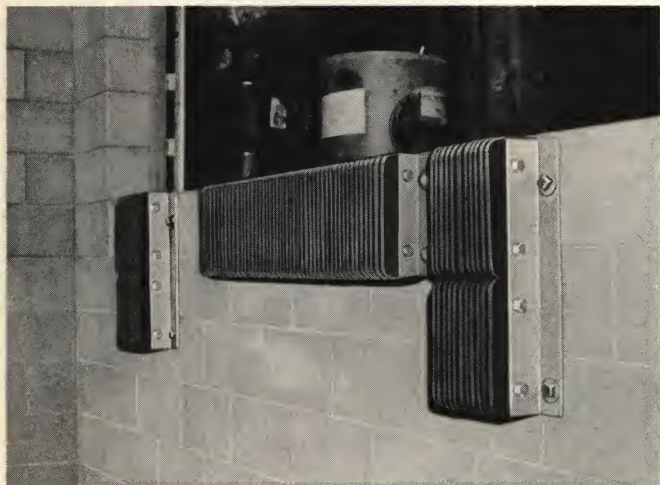
### Easy to install

Durable Loading Dock Bumpers are simple to install on any type dock. (See drawings at the right). They are applicable to either surface or recess mounting.

## Durable Loading Dock Bumpers save their entire cost in a short time.

A West Coast Truck Line is using Durable Loading Dock Bumpers as standard equipment in seven terminals.

- Original installation in 1950.
- Repeat orders—Six additional terminals equipped with a total of 306 bumpers.
- Complete satisfaction—No repairs—no replacements—no truck or freight damage—maintenance costs cut.



Installations of vertical and horizontal bumpers are effecting substantial savings for dock owners, truck owners, industrial plants, and shippers.

## TESTS PROVE DURABLE LOADING DOCK BUMPERS ARE BUILT TO TAKE IT . . .

they absorb tremendous shock and pressure

Destructive tests were performed on Durable Loading Dock Bumpers in the Technical Center of National Malleable and Steel Castings Company, Cleveland, Ohio.

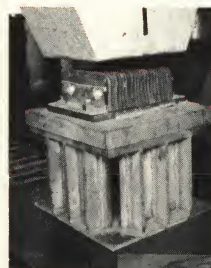
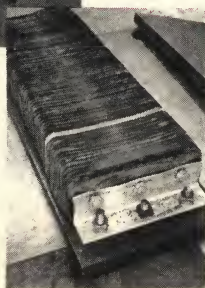
These tests show that Durable Loading Dock Bumpers will absorb up to 81% of any impact force. That's **real** protection for docks, trucks, and fragile freight.

## DYNAMIC FORCE TEST

1. A 4½" x 10" x 14" bumper before test.
2. The same bumper after a dynamic force of 3,780 foot pounds was applied in free fall.

## STATIC FORCE TEST

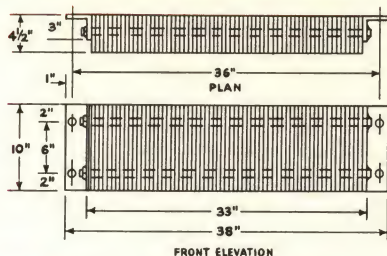
1. A 4½" x 12" x 36" bumper before test.
2. The same bumper after 650,000 pounds of static pressure was applied. An energy input of 28,000 foot pounds.



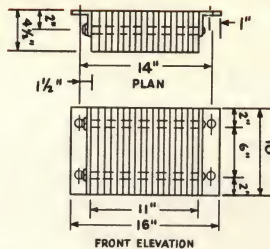
# bumper details

23P  
Du

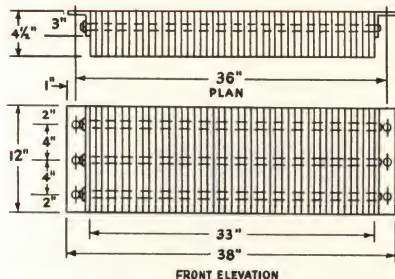
## 10" x 36" type - Model B410



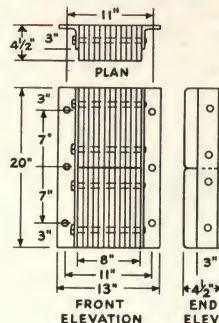
## 10" x 14" type - Model B414



## 12" x 36" type - Model B412



## 20" x 11" vertical type - Model VB420



Vertical bumpers are also available in 24" depth (VB424) and 36" depth (VB436).

### standard sizes

| sizes              | rubber surface | anchor bolt hole center dimensions | overall length | weight | number of 3/4" rods | angle sizes (1/4") |
|--------------------|----------------|------------------------------------|----------------|--------|---------------------|--------------------|
| 4 1/2" x 10" x 14" | 10" x 11"      | 14"                                | 16"            | 30#    | 2                   | 3" x 2 1/2" x 10"  |
| 4 1/2" x 10" x 36" | 10" x 33"      | 36"                                | 38"            | 75#    | 2                   | 3" x 2 1/2" x 10"  |
| 4 1/2" x 12" x 36" | 12" x 33"      | 36"                                | 38"            | 90#    | 3                   | 3" x 2 1/2" x 12"  |
| 4 1/2" x 20" x 11" | 20" x 8"       | 11"                                | 13"            | 46#    | 4                   | 3" x 2 1/2" x 20"  |

Bumpers with special mounting hole centers (lengths) may be specified and will be fabricated, but it is suggested that they do not exceed 36". Special designs for special applications can be produced.

### architects bumper specifications

Furnish Rubber Dock Bumpers as manufactured by Durable Mat Company, Norwalk, Ohio and Santa Clara, California.

Resilient rubber material of bumpers must be Rubberized-Fabric Truck Tires cut to uniform size pads, either 4 1/2" x 10" or 4 1/2" x 12", and punched to receive 3/4" supporting rods.

### satisfied users

A & P  
Adley Express Co.  
Allis-Chalmers  
Aluminum Co. of America  
American Airlines  
Appleton Coated Paper Co.  
C & O Railroad Co.  
Caterpillar Tractor Co.  
Chicago Terminal Warehouse  
Chrysler Corporation  
Colgate Palmolive Co.

Container Corp.  
Detroit News  
E.I. duPont de Nemours  
Esso Standard Oil Co.  
General Electric Co.  
General Foods Corp.  
H. J. Heinz Co.  
Hotpoint Co.  
International Harvester  
Kraft Foods Co.  
Kroger Co.

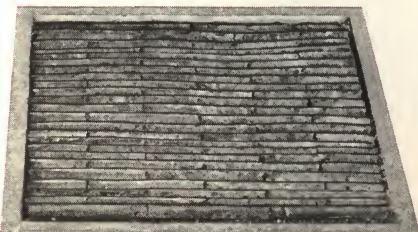
Loblaws Inc.  
Montgomery Ward & Co.  
Motorola, Inc.  
New York Central  
Nickel Plate Railroad  
Ohio Oil Co.  
Pennsylvania Railroad  
Pittsburgh Plate Glass  
Pratt & Whitney Aircraft  
Radio Corp. of America  
Red Star Express Lines

Safeway Stores, Inc.  
Sears Roebuck & Co.  
The Stanley Works  
Swift & Co.  
Sylvania Electric  
Transamerican Freight  
U.S. Gypsum Co.  
U.S. Parcel Post Building  
Western Electric Corp.  
Western Express Co.

All Bumpers must be 4 1/2" thick (stand-out from dock) and closed with two 3" x 2 1/2" x 1/4" structural angles under approximately 1,500 pounds pressure. Angles must be welded to 3/4" rods at one end and closed with threaded rod and nut at the other end. Anchor leg of angle must extend 2 1/2" beyond rubber surface at either end and contain either two or three 1/8" anchor bolt holes. (See drawings above).

### floor pads

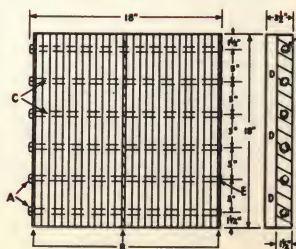
24" x 24" x 2 1/2" and 18" x 18" x 2 1/2"



### floor pad specifications

Durable shock resisting Floor Pads permit removal of heavy finished parts from machines without damage to parts or floors. Floor Pads are made of Rubberized-Fabric Truck Tires cut to uniform size pads 2 1/2" x 3" or 2 1/2" x 6" and punched to receive 1/2" rods. Pads are held by three 1 1/2" x 1/4" plates—two on the sides and one through the center—and supported with 1/2" rods, welded to plate at one end and closed with nuts at the other end.

### floor pad details





## DURABLE MATS . . . . .

*There are two types of Durable mats, each designed for a distinctive type of service*

### rubberized-fabric mats

Durable rubberized-fabric mats are especially recommended for the hard usage required at entrances of public buildings, stores, apartment houses, hotels, theatres, schools, industries, and in industrial work areas.

Durable rubberized-fabric mats thoroughly clean shoes, provide non-slip footing in wet or dry weather, reduce accidents and liability risks, and relieve worker fatigue in production areas. They roll easily for cleaning underneath or can be cleaned from the top with a vacuum cleaner.



A rubberized-fabric mat with non-trip nosing.

### mat nosing

Beveled or square nosing can be supplied on all mats. Square nosing, between two mats and in recesses, insures flush joints and correct fit. Beveled, non-trip nosing also improves mat appearance and is recommended for all surface mats. Nosing is available in black only. Nosings are securely attached with special clips and sheet metal screws and reinforced with spring steel bar parallel to the wires of the mat. Corners are mitered, vulcanized, and steel reinforced.

### mat specifications for architects . . . . .

#### Durable Rubberized-fabric mats

Furnish fabric-impregnated rubber mats with links  $\frac{1}{8}$ " thick x  $2\frac{1}{2}$ " overall length, woven in Y-shaped construction (or straight weave) on 12-gauge galvanized spring steel wire,  $1\frac{1}{4}$ " centers. Black 2" beveled nosing (or  $1\frac{1}{2}$ " square nosing), attached to all edges with sheet metal screws and special fasteners. Nosing, parallel to the wires of the mat, to be reinforced with spring steel bar  $\frac{1}{8}$ " x  $\frac{1}{2}$ ", and all corners with corner irons.

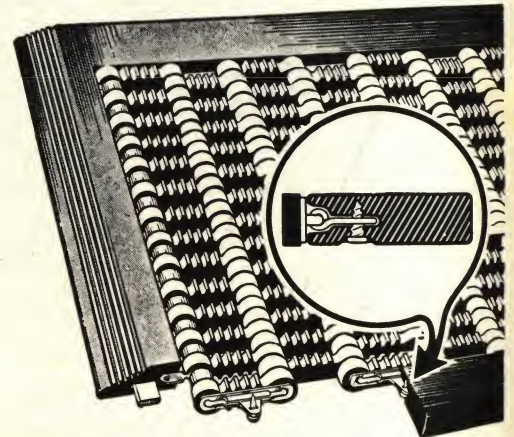
### rubberlink mats

Durable rubberlink mats are made of extruded rubber blocks in a complete selection of colors to harmonize with the decorations of entrances and lobbies of modern buildings. They trap dirt under the mat from moving traffic and thus protect fine floors throughout the building. Names, letters, or trade marks can be included in the design.

All Durable mats can be made in any length and in widths up to 8' to fit any specifications.



A rubberlink mat in the lobby of a bank building



#### Durable Rubberlink mats in colors

Furnish extruded, all-rubber mats with links  $\frac{1}{2}$ " thick x  $\frac{1}{2}$ " wide x  $1\frac{7}{8}$ " overall length woven on 12 gauge high carbon, oil tempered wires,  $1\frac{1}{4}$ " centers. Black 2" beveled nosing (or  $1\frac{1}{2}$ " square nosing), attached to all edges with sheet metal screws and special fasteners. Nosings, parallel to the wires of the mat, to be reinforced with spring steel bar  $\frac{1}{8}$ " x  $\frac{1}{2}$ ", and all corners with corner irons. Colors and design in accordance with detail sketch.

# Durable

# M A T

# C O M P A N Y

75 N. Pleasant St., Norwalk, Ohio

755 Kifer Road, Santa Clara, Calif.

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